ABSTRACT

A finger/ palm print image processing system includes a frequency component analysis unit (11) and a frequency component judgment unit (12). The frequency component analysis unit (11) performs a frequency analysis for each of the small regions into which the finger/palm print image is divided and acquires frequency components representing the respective small regions. According to frequency component, the frequency component judgment unit (12) judges the clarity of the small region corresponding to the frequency component. The finger/palm print image indicates at least one of the finger print and the palm print. The Fourier transform is used for the frequency analysis. According to the frequency component and the result of the Fourier transform of a clear two-dimensional sinusoidal wave, the frequency component judge unit (12) judges the clarity of the small region corresponding to the frequency component. Thus, even when the background has a blocky portion or the finger/palm print region has an unclear portion due to a scratch, it is possible to judge a region where a clear ridgeline exists.